# BRUHAT BANGALORE MAHANAGARA PALIKE, BYATARAYAPURA ZONE

**Executive Engineeer**
**Byatarayanapura Division**
**B.B.M.P., Bangalore - 92**

## MODIFIED SCHEDULE - B

**NAME OF WORK:- Improvements to Roads and Drains at Lakkappa Layout and Hosabalu Nagara in Ward No.11, (Kuvempunagara).**

| Sl. No. | Approved Quantity | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 528.50 | Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications | Cum | 217.00 | Rupees Two Hundred Seventeen Only |
| 2 | 698.76 | Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work | Sqm | 116.00 | Rupees One Hundred Sixteen Only |
| 3 | 174.69 | Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 779.00 | Rupees Seven Hundred Seventy Nine Only |
| 4 | 78.51 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | Cum | 6093.00 | Rupees Six Thousand Ninety Three Only |
| 5 | 79.70 | Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm | Cum | 8116.00 | Rupees Eight Thousand One Hundred Sixteen Only |
| 6 | 4.78 | Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. | Tonne | 95125.00 | Rupees Ninety Five Thousand One Hundred Twenty Five Only |

Signature of Contractor



25/04
Executive Engineer
25/04

| Sl. No. | Approved Quantity | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 7 | 456.75 | Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10 cm thick and Finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., copmplete | Sqm | 2018.00 | Rupees Two Thousand Eighteen Only |
| | 279.45 | Qty Above 125% | | 2453.15 | Rupees Two Thousand Four Hundred Fifty Three And Paise Fifteen Only |
| 8 | 1950.00 | Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications | Sqm | 43.40 | Rupees Forty Three And Paise Forty Only |
| 9 | 1950.00 | Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications | Sqm | 6.60 | Rupees Six And Paise Sixty Only |
| 10 | 578.85 | Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications | Cum | 2101.00 | Rupees Two Thousand One Hundred One Only |
| 11 | 3185.40 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications | Sqm | 35.60 | Rupees Thirty Five And Paise Sixty Only |
| 12 | 159.27 | Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.4 % VG-30 Bitumen | Cum | 7105.00 | Rupees Seven Thousand One Hundred Five Only |
| 13 | 4038.00 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications | Sqm | 13.30 | Rupees Thirteen And Paise Thirty Only |

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| Sl. No. | Approved Quantity | Description | Unit | Rates | |
|---|---|---|---|---|---|
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| 14 | 161.52 | Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen | Cum | 10501.00 | Rupees Ten Thousand Five Hundred One Only |
| 15 | 94.00 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications | Sqm | 477.00 | Rupees Four Hundred Seventy Seven Only |
| | | EIRL | | | |
| E1 | 612.80 | Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications | Sqm | 1028.12 | Rupees One Thousand Twenty Eight And Paise Twelve Only |
| E2 | 68.16 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications | Cum | 5878.30 | Rupees Five Thousand Eight Hundred Seventy Eight And Paise Thirty Only |
| E3 | 28.35 | Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications | Cum | 6100.84 | Rupees Six Thousand One Hundred And Paise Eighty Four Only |
| E4 | 18.75 | Providing precast slab of 250mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved) | Sqm | 5687.27 | Rupees Five Thousand Six Hundred Eighty Seven And Paise Twenty Seven Only |

N. Lakshmanareddy
**Signature of the Contractor**

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